



## **The California Bay-Delta Authority Is Seeking An Astute And Dedicated Professional To Serve As Lead Scientist For The CALFED Bay-Delta Program**

### **CALIFORNIA BAY-DELTA AUTHORITY**

The California Bay-Delta Authority (CBDA) was established in 2003 by Senate Bill 1653 ([http://calwater.ca.gov/AboutCalfed/adobe\\_pdf/Booklet\\_DeltaAct.pdf](http://calwater.ca.gov/AboutCalfed/adobe_pdf/Booklet_DeltaAct.pdf)). The Authority is charged with implementing the programs, projects, and activities of the CALFED Bay-Delta Program, a collaborative effort of more than 20 State and Federal agencies created to improve water supplies in California and the health of the San Francisco Bay-Sacramento-San Joaquin River Delta Watershed. The CALFED agencies are investing in collaborative regional projects that provide local benefits while helping achieve overall Program objectives and commitments.

The Bay-Delta provides drinking water for 22 million people. It supports California's trillion-dollar economy, including its \$27 billion agricultural industry. It is the largest estuary on the west coast – home to 750 plant and animal species – and it supports 80 percent of the State's commercial salmon fisheries.

The CALFED Bay-Delta Program is a balanced, comprehensive approach to reduce conflicts over limited water supplies and to address the State's long-term water needs through its four resource management goals.



*The mission of the CALFED Bay-Delta Program is to develop and implement a long-term comprehensive plan that will restore ecological health and improve water management for beneficial uses of the Bay-Delta System.*

## **UNPRECEDENTED SCOPE AND VISION**

The CALFED Bay-Delta Program is the largest, most comprehensive water management program in the world. This Program includes the most complex and extensive ecosystem restoration project ever proposed. It is the most intensive water conservation effort ever tried. It is the most far-reaching effort to improve the drinking water quality of millions of Californians as well as an unprecedented commitment to watershed restoration. It is the most significant investment in storage and conveyance in decades.

## **SCIENCE PROGRAM**

The CALFED Science Program (<http://science.calwater.ca.gov>) was established in August 2000 by the California Bay-Delta Record of Decision (<http://calwater.ca.gov/Archives/GeneralArchive/RecordOfDecision2000.shtml>). The long-term goal of the Science Program is to establish a body of knowledge relevant to CALFED actions and their implications. That body of knowledge, both in perception and reality, must be unbiased, relevant, authoritative, integrated across program elements, and communicated to the scientific community, CALFED agency managers, stakeholders, and the public.

There are four broad objectives to the Science Program:

- Provide a comprehensive and integrated scientific context for CALFED activities
- Ensure continuous advancement of credible scientific information that will guide management decisions and water project operations
- Establish a framework to identify and articulate areas of scientific uncertainty relevant to key issues both before and after actions
- Develop strategies to reduce uncertainties and track performance and progress toward CALFED goals



*CALFED Science Program's mission is to integrate world-class science and peer review into every aspect of the CALFED Bay-Delta Program, and develop the best scientific information possible to guide decisions and evaluate actions that are critical to its success.*

## **LEAD SCIENTIST**

The Lead Scientist and the Science Program are charged with ensuring application of scientific principles and promoting peer review throughout CALFED to ensure high quality in program planning, implementation and evaluation. The Lead Scientist also nominates and establishes standing boards and independent review panels of experts as part of the independent science review of the entire CALFED Program. The Lead Scientist is appointed by and reports to the California Bay-Delta Authority board (<http://www.calwater.ca.gov/CBDA/NewCBDA.shtml>). The Lead Scientist also identifies, refines and implements the science agenda for the CALFED Program. This includes new science needs and a vision for assimilating the large amounts of scientific data and information generated by the CALFED Program into management decisions. An important part of the job includes developing, leading and sustaining dialogues and public discussions of technical issues among the stakeholder community, managers and directors of implementing agencies, and academic researchers.

### **Qualifications**

- Ph.D. or equivalent experience that includes a natural science background and extensive experience working with natural scientists, engineers, policy makers, agency managers, agency directors, politicians, and stakeholders from many perspectives
- Evidence of stature in the broad scientific community including invited contributions to workshops, conferences or panels, evidence of scientific leadership, membership in prestigious scientific organizations, awards of merit, etc.
- Experience advising top managers and policy makers and promoting constructive integration of interdisciplinary science in natural resource management, especially in areas relevant to water management and/or ecosystem restoration
- A strong record of publication in the peer-reviewed literature and other evidence of expertise relevant to the CALFED Program
- Evidence of the ability to work and communicate well with people from different professional backgrounds and weigh issues in a balanced manner when in an advisory capacity
- Evidence of the ability to work and think across disciplines and experience in working with and advising on complex issues that integrate multiple disciplines

In addition, the California Bay-Delta Authority has identified the following competencies and characteristics desired in a new Lead Scientist:

- Ability to establish and manage a broad interdisciplinary team
- Ability to relate to and respect other agencies and their roles and positions
- Ability to listen to public policy debate, discern what science issues need to be addressed, and seek information to answer these questions and address these issues
- Ability to assist CALFED in achieving the task of “reducing conflicts” through quality science
- Ability to deal with sociological issues, not just biological issues
- Ability to translate science to policy makers
- Effective project manager
- Effective leader who maintains the relevance of the Science Program by ensuring that the CALFED Program and its policies are based upon the latest research
- Ability to stand up to criticism (i.e. defend the integrity of science in decision-making)

## **THE SACRAMENTO AREA**

Sacramento's modern history began in 1839 when John Sutter settled at the confluence of the American and Sacramento Rivers. When the Mexican government granted 48,000 acres of land to Sutter, they did not realize they had given away a literal goldmine. Gold was discovered in 1848 just thirty miles east of Sacramento. The news of the discovery spread like wildfire and fortune hunters came by the thousands from all corners of the world to California. The discovery of gold led to the largest human migration in history. California became a state in 1850 and Sacramento its capital four years later. The area remains one of the fastest growing regions in the country. The metropolitan area consisting of Sacramento and parts of Yolo, Placer, El Dorado, Sutter, and Yuba Counties has a population of nearly 2 million, with 460,000 residing within the Sacramento city limits.



Sacramento has been called a snapshot of Wild West history in a modern, world-class city. Peacefully located in a leafy valley of scenic rivers and canopies of trees, today's Sacramento is a cosmopolitan convergence of tall, gleaming buildings, hearty Victorians, splendid restaurants and shops, and a vibrant arts scene. Among the annual events held in California's Capital include the Jazz Jubilee, California State Fair, California International Marathon, Summerfest, Festival de la Familia, Pacific Rim Streetfest, Mardi Gras, Juneteenth Celebration, Bridge to Bridge Waterfront Festival, Pan Pacific Masters Games, Gold Rush Days, Grape Escape, Salmon Festival, New Year's Eve Sky Concert, and Holiday of Lights.

Many factors contribute to the economic success of the region. A principal reason that Sacramento has retained its attractiveness is that it offers some of the lowest housing prices of major cities in the state. Many new residents have relocated from the San Francisco Bay Area and Southern California to take advantage of Sacramento's employment opportunities, low housing prices, reasonable cost of living, and competitive salaries. The current median home price in the area is \$351,000.

For sports fans, Sacramento boasts the very exciting *Sacramento Kings* NBA basketball team, the *Sacramento Monarchs* of the WNBA, and the Pacific Coast League champion *Sacramento River Cats* baseball team. Historic *Old Sacramento*, the *State Railroad Museum*, *Crocker Art Museum*, *Governor's Mansion*, *Sacramento Zoo*, *Sutter's Fort*, *Music Circus*, *Sacramento Convention Center*, *Golden State Museum* and the *State Capitol building* are other attractions located in the region.

## **COMPENSATION**

The U.S. Geological Survey will be the host agency and the position will be for a multiyear term as an assignment to the USGS from any public, university or non-profit institution. Benefits will be covered through the home institution. The individual will be working out of the CBDA offices in Sacramento, CA. The salary range will be at a federal grade of GS-15 (\$104,000 - \$135,000).

## APPLICATION AND SELECTION PROCEDURE

This position is open until filled. The first review of application materials will be **November 14, 2005**. To be considered for this challenging and rewarding career opportunity, send a letter of interest and curriculum vitae to:



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CPS Executive Search  
241 Lathrop Way  
Sacramento, CA 95815  
Tel: (916) 263-1401; Fax: (916) 561-7205  
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